PTO/SB/08A (08-03)

Approved for use through 07/31/2008. OMB 0851-0031 U.S. Palent and Trademark Office; U.S. DEPARTMENT OF COMMERCE persons are required to respond to a collection of information unless it contains a valid OMB control number.

Under the Paperwork Substitute for form 1449/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known				
Application Number	10/627,954			
Filing Date	July 25, 2003			
First Named Inventor	James D. Browning			
Art Unit				
Examiner Name				
Attorney Docket Number	BAT 0021 VA/40078.231			

				DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
ME	/	^{US-} 5,837,785	11/17/1998	Kinsho et al.	
MC		^{US-} 4,724,253	02/09/1988	Cavitt et al.	
ME	/	^{US-} 4,533,715	08/06/1985	Lee et al.	
MC	/	^{US-} 4,491,538	01/01/1985	McCoy	
MF	/	^{US-} 4,373,008	02/08/1983	Emmons et al.	
ME	/	^{US-} 4,299,867	11/10/1981	Emmons et al.	
ME	/	^{US-} 4,279,793	07/21/1981	Weliner et al.	
MF		^{US-} 4,043,956	08/23/1977	Hutton et al.	
MF	/	^{US-} 3,963,680	06/15/1976	O'Keefe et al.	
	<u> </u>	US-			
		US-			
		US-			
		US-			

		FORE	IGN PATENT DOC	UMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	П
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY	Typical of Olice Becomen	Or Relevant Figures Appear	T⁵
MF	/	DE 100 26 148 A	12/07/2000	Kansai Paint Co. Ltd.		\Box
MS	/	WO 98 50444 A	11/12/1998	DuPont		17
MF	/	EP 0 969 030 A	01/05/2000	BASF Corp.		Ż
MF	/	EP 0 976 771	02/02/2000	Shinetsu Chemical Co.		፟
MF		DE 196 28 309 A	01/15/1998	Hoechst AG		レ
MF		EP 0686 654 A	12/13/1995	BASF Corp.		ナ

Examiner Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. ⁶Applicant is to place a check mark here if English language

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Redu noperfons are required to respond to a collection of information unless it contains a valid OMB control number. Compl t if Known Substitute for form 1449/PTO **Application Number** 10/627,954 INFORMATION DISCLOSURE **Filing Date** July 25, 2003 STATEMENT BY APPLICANT **First Named Inventor** James D. Browning Art Unit (Use as many sheets as necessary) **Examiner Name** Sheet **Attorney Docket Number** 2 4 of BAT 0021 VA/40078.231

Examiner	Cite	NON PATENT LITERATURE DOCUMENTS	
Initials*	No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
MF	/	SHELL RESINS, EPON Resin 828, 2/99	/
Mf		Epoxy Curing Agents and Modifiers; Air Products and Chemicals, Inc. 1998 (2 pgs.)	
MF	/	SEKI, K., Amine Epoxy Resin Curing Agent Offers Versatility; Modern Paint and Coatings, March 1995, pgs. 36-40	/
MS		MEEUS, F., New developments in ambient cure epoxy resins for high performance industrial coatings; JOCCA, 1990, pgs. 186-192	/
me	/	SCHNEBERGER, G.L., Using Solvents Effectively; Industrial Paint & Powder, Sept. 1999, pgs. 38-42	/
MF		INCOZOL 2, OXAZOLIDINE MOISTURE SCAVENGER; Industrial Copolymers Limited, England, (6 pgs.)	/
Mf	/	SHELL RESINS, HELOXY 62 Modifier, Shell Chemical Company (4 pgs.)	/
ME	/	Formulating Acrylate Modified Epoxy/Amine Coatings; SARTOMER Application Bulletin, Exton, PA, Feb. 1996, (9 pgs.)	/
MF	/	DRAKE, R., FEATURE High Performance Adhesives, Structural Adhesives Technology: Two Decades of Enduring Progress; Adhesives Age, June 1998, pgs. 26-29	/
MG		DOUBLE EXPOSURE, Air Products' Advanced Technologies Meet Needs of Changing Marketplace; Adhesives Age, Feb. 1998, pg. 34	/

Examiner Signature	millon	Date Considered	7/9/05	
*FYAMINED: I	sitial if reference considered advellage as a status	to to to the second	1101	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995 persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449/PTO Application Numb r 10/627,954 INFORMATION DISCLOSURE Filing Date July 25, 2003 STATEMENT BY APPLICANT First Named Inventor James D. Browning Art Unit (Use as many sheets as necessary) **Examiner Name** Sheet Attorney Docket Number 3 of 4 BAT 0021 VA/40078.231

Evamines	Cito	NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
MF		AIR PRODUCTS, Ancamine 2280 Curing Agent; Products and Chemicals, Inc. 1998, (6 pgs.)	/
MF	/.	AIR PRODUCTS, Epoxy Curing Agents and Modifiers, Ancamide 2386 Curing Agent; Air Products and Chemicals, Inc., April 1997, pgs. 1-9	/
MF		HOLM, R.T., Ketimines as Latent Epoxy Curing Agents; Journal of Paint Technology, Vol. 39, No. 509, June 1967, pgs. 385-388	/
MF		EPON Curing Agents, Specification and Property Guide; Shell, 1986, (3 pgs.)	/

Examiner Signature	millon	Date Considered	7/9/06
		Constacted	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English tanguage Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known				
Application Number	10/627,954			
Filing Date	July 25, 2003			
First Named Inventor	James D. Browning			
Art Unit	<u> </u>			
Examiner Name				
Attorney Docket Number	BAT 0021 VA/40078.231			

Examiner	Cita		U. S. PATENT D	OGOMENTO	
examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan
		Number-Kind Code ^{2 (f known)}			Figures Appear
		US-			
		US-			<u> </u>
		US-			
		US-			· · · · · · · · · · · · · · · · · · ·
		US-			
		US-		· · · · · · · · · · · · · · · · · · ·	
		US-			•
		US-			-
		US-			
		US-	1		
		U.S-			
		US-			
		US-			
		US-			
	<u> </u>	US-	† 		

		FORE	IGN PATENT DOCI	JMENTS		
Examiner Cite Initials* No.		Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ Number ⁴ Kind Code ⁵ (# known)	MM-DD-YYYY	T T T T T T T T T T T T T T T T T T T	Or Relevant Figures Appear	™
MF		GB 972 988 A	10/21/1964	Rohm & Haas		$\overline{}$
Mf		GB 960,236	06/10/1964	Shell Internationale		
						
						 _
	 					┞_

Examiner	0.440	Date	11.
Signature	1 hd.k XC \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Considered	7/0/06
APPATRICE	// · / ·	Considered	L 1/ 1/ 1/ 1/
"FYAMINED	Initial if reference (considered whether we not cleated by the land		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language

Transation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450.

TO Complementary for Patent B.O. Box 1450, Alexandria, VA 22313-1450. TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Sheet

repr

PTO/SB/08A (08-03) Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE er the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete If Known				
Application Number	10/627,954			
Filing Date	July 25, 2003			
First Named Inventor	James D. Browning			
Art Unit	1.			
Examiner Name				
Attorney Docket Number	BAT 0021 VA/40078.231			

U. S. PATENT DOCUMENTS Examiner **Document Number Publication Date** Name of Patentee or Pages, Columns, Lines, Where Initials* MM-DD-YYYY **Applicant of Cited Document** Relevant Passages or Relevant Number-Kind Code² (F known) Figures Appear US- 5.837,785 11/17/1998 Kinsho ot al. US- 4.724,253 02/09/1088 Cavitt et al. 4.533.715 08/06/1985 ee et al. 4.491.538 91/01/1985 McCov 4.373.008 02/08/1083 Emmons et al. 4.299.867 11/10/1981 Emmons et al. 1.279.793 07/21/1081 Wellner et al. US-4.043.956 08/23/1977 Hutton et al. 06/15/1976 3,963,680 O'Keefe et al US-US-UŞ-UŚ-US-US-US-US. US. US-

			IGN PATENT DOCL	JMENTS	_	
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Γ
		Country Code ³ "Number ⁴ "Kind Code ⁵ (# known)	MM-DD-YYYY		Or Relevant Figures Appear	Ľ
		DE 100 26 148 A	12/07/2000	Kansai Paint Co. Ltd.		Γ
		WO 98 50444 A	11/12/1998	DuPont		T
		EP 0 969 030 A	01/05/2000	DASF Gorp.		T
		EP 0 976 771	02/02/2000	Shinetsu Chemical Co.		T
		DE 196 28 309 A	01/15/1998	Hoechst AG		Γ
		EP-0686-654 A	12/13/1995	BASE Corp.		T

		<u> </u>		
Examiner Signature	mully		Date Considered	7/8/05

*EXAMINER: Initial if reference cogsidered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. *Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B (08-03) Approved for use through 07/31/2006. OMB 0651-0031

	ler the Paperwork F e for form 1449/PT		t of 1995, no persons a	re required to respond to a collection	t and Trademark Office; U.S. DEPARTMENT Con of Information unless it contains a valid OMB Complete if Known	control number.
				Application Number	10/627,954	
		•	CLOSURE	Filing Date	July 25, 2003	
STA	TEMENT	BY A	PPLICANT	First Named Inventor	James D. Browning	
	(Use as many s	shoote se ni	geoceand	Art Unit		
	(Goo do many s		ccossary)	Examiner Name		
Sheet	2	of	4	Attorney Docket Number	BAT 0021 VA/40078.231	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		SHELL RESINS, EPON Resin 828, 2/09	
		Epoxy Curing Agents and Modifiers; Air Products and Chemicals, Inc. 1998 (2 pgs.)	•
<u> </u>		SEKI, K., Amine Epoxy Resin Curing Agent Offers Versatility; Modern Paint and Coatings, March 1995, pgs. 36-40	
		MEEUS, F., New developments in ambient cure epoxy resins for high performance industrial coatings; JOCCA, 1990, pgs. 186-192	
•		SCHNEBERGER, C.L., Using Selvente Effectively; Industrial Paint & Powder, Sept. 1999, pgs. 38-42	_
		INCOZOL 2, OXAZOLIDINE MOISTURE SCAVENGER; Industrial Copolymers Limited, England, (6 pgs.)	
L		SHELL RESINS, HELOXY 62 Medifier; Shell Chemical Company (4 pgs.)	
		Formulating Acrylate Medified Epoxy/Amine Coatings; SARTOMER Application Bulletin, Exten, RA, Feb. 1996, (9 pgs.)	·
		DRAKE, R., FEATURE High Performance Adhesives, Structural Adhesives Technology: Two Decades of Enduring Progress; Adhesives Age, June 1998, pgs. 26-29	
		DOUBLE EXPOSURE, Air Products' Advanced Technologies Meet Needs of Changing Marketplace; Adhesives Age, Feb. 1998, pg. 34	

F		, 	
Examiner	\sim . A A \sim	Date	
Ciamatura	1 ' 1	Date	
Signature	Nuc W	Considered	17/8/05
			1 7/2/2

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Tredemark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B (08-03)

Approved for use through 07/31/2006 OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control purple.

Sobstitut	e for form 1449/PT	0			Complete if Known	
				Application Number	10/627,954	
			CLOSURE	Filing Date	July 25, 2003	
STA	STATEMENT BY APPLICANT			First Named Inventor	James D. Browning	
	(ilsa as many i	chaate ne ne	careand	Art Unit		
	(Use as many sheets as necessary)			Examiner Name		
Sheet	3	of	4	Attorney Docket Number	BAT 0021 VA/40078.231	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		AIR PRODUCTS, Ancamine 2280 Curing Agent; Products and Chemicals, Inc. 1008, (6 pgs.)	- 4°
<u> </u>		AIR PRODUCTS, Epoxy Curing Agents and Modifiers, Ancamide 2386 Curing Agent; Air Products and Chemicals, Inc., April 1997, pgs. 1-9	
		HOLM, R.T., Ketimines as Latent Epoxy Curing Agents; Journal of Paint Technology, Vol. 39, No. 509, June 1967, pgs. 385-388	
	,	EPON Curing Agents, Specification and Property Guide; Shell, 1986, (3 pgs.)	

Examiner	1 10	Date	111	
Signature	/mll()	Considered	7/6/06	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Petent and Trademerk Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

	e for form 1449/		, no parsons are require	to respond to a collection of information unless it contains a valid OMB control number Complete if Known					
				Application Number	10/627,954				
INF	ORMATI	ON DISC	CLOSURE	Filing Date	July 25, 2003				
				First Named Inventor	James D. Browning				
STATEMENT BY APPLICANT				Art Unit					
	(Use as mai	ny sheets as nec	essary)	Examiner Name					
eet	44	01	4	Attorney Docket Number	BAT 0021 VA/40078.231				

			U. S. PATENT D	OCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	 	US-			Figures Appear
	L				
		US-			
		US-	T		
		US-			-
		US-			
		US-	 	· · · · · · · · · · · · · · · · · · ·	
		US-		· · · · · · · · · · · · · · · · · · ·	, , , , , , , , , , , , , , , , , , , ,
		US-	 		-
		US-	<u> </u>	· · · · · · · · · · · · · · · · · · ·	
		US-	 		
		US-	 		
		US-		· · · · · · · · · · · · · · · · · · ·	
		US-			
		US-	 		
		US-			
·		US-	 	·	
		US-	1	•	
		US-	 		
		US-	 		

		FORE	IGN PATENT DOC	JMENTS	· · · · · · · · · · · · · · · · · · ·	
Examiner initials*	Cite No.1	ite Foreign Patent Document Publication	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Г	
		Country Code ³ Number ⁴ Kind Code ⁵ (# known)	MM-DD-YYYY		Or Relevant Figures Appear	
	<u> </u>	GB 072 088 A	10/21/1964	Rohm & Haas		
		GB 960,236	06/10/1964	Shell Internationale		
				·		
	 					
	l					

Examiner Signature	my	,	Date Considered	7/9/	06

*EXAMINER: Initial if reference confidered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional): See Kinds Codes of USPTO Petent Documents at www.uspto.gov or MPEP 901.04. Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.

This collection of Information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Petent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
open the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

ubstitute for form 1449/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known					
Application Number	10/627,954				
Filing Date	July 25, 2003				
First Named Inventor	James D. Browning				
Art Unit	1712				
Examiner Name					
Attorney Docket Number	BAT 0021 VA2/40078,231				

U. S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
MF		^{US-} 6,221,998	4-24-2001	Okuhira et al			
i i		US-			 		
		US-					
		US-	-				
	 	US-			 		
		US-			<u> </u>		
···		US-					
	<u> </u>	US-					
		US-	 				
		US-					
		US-					
		US-					
		US-					
		US-					
		US-	·				
		US-	<u> </u>				
		US-					
		US-					
		US-					

		FORE FORE	IGN PATENT DOCU	MENTS		
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	T
·	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY	Approach of cited pocument	Or Relevant Figures Appear	T ⁶	
					•	
						\vdash

Examiner Signature Date Considered 7/6/05

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 'See Kinds Codes of Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 'Applicant is to place a check mark here if English language

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND